

FIG. 1

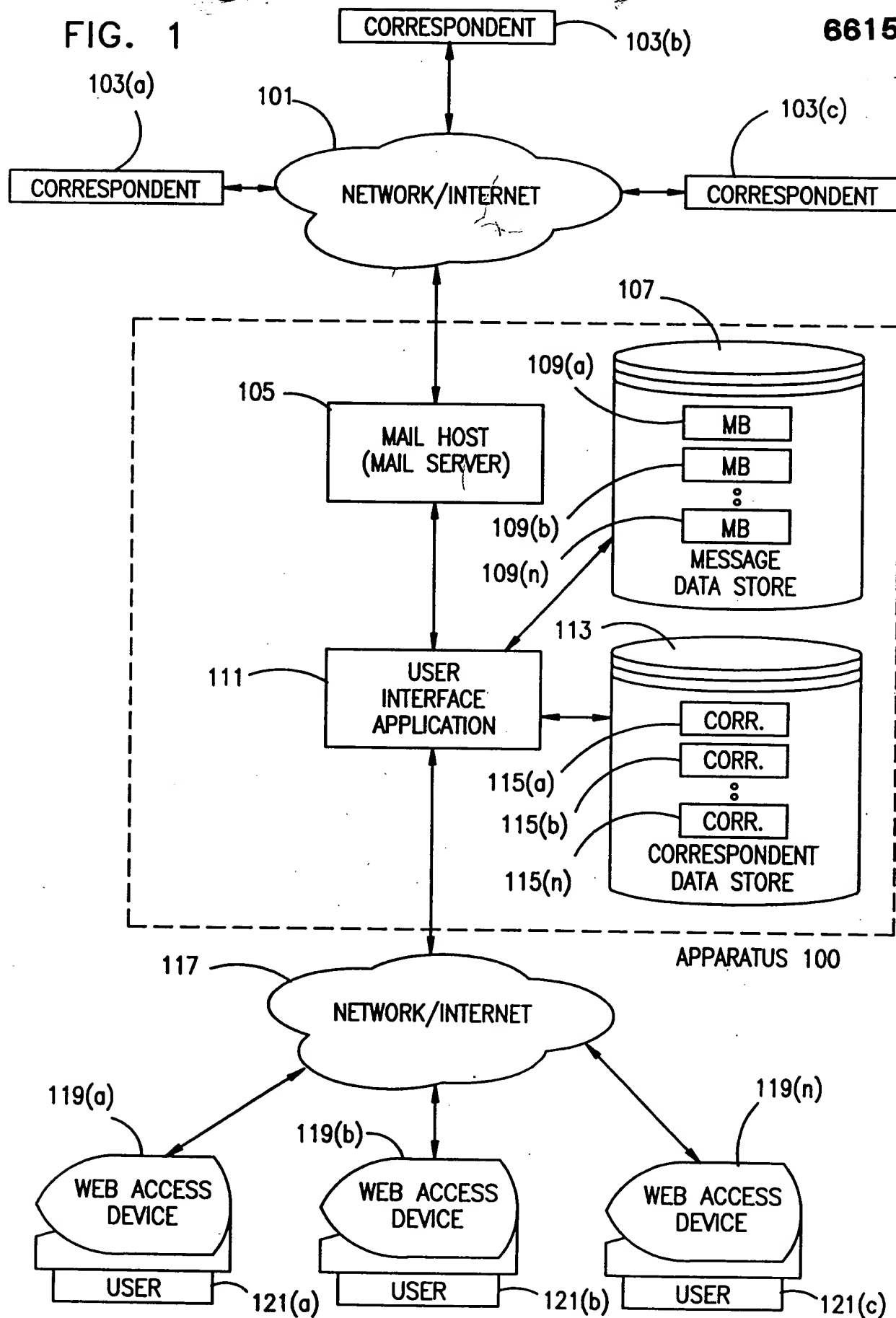
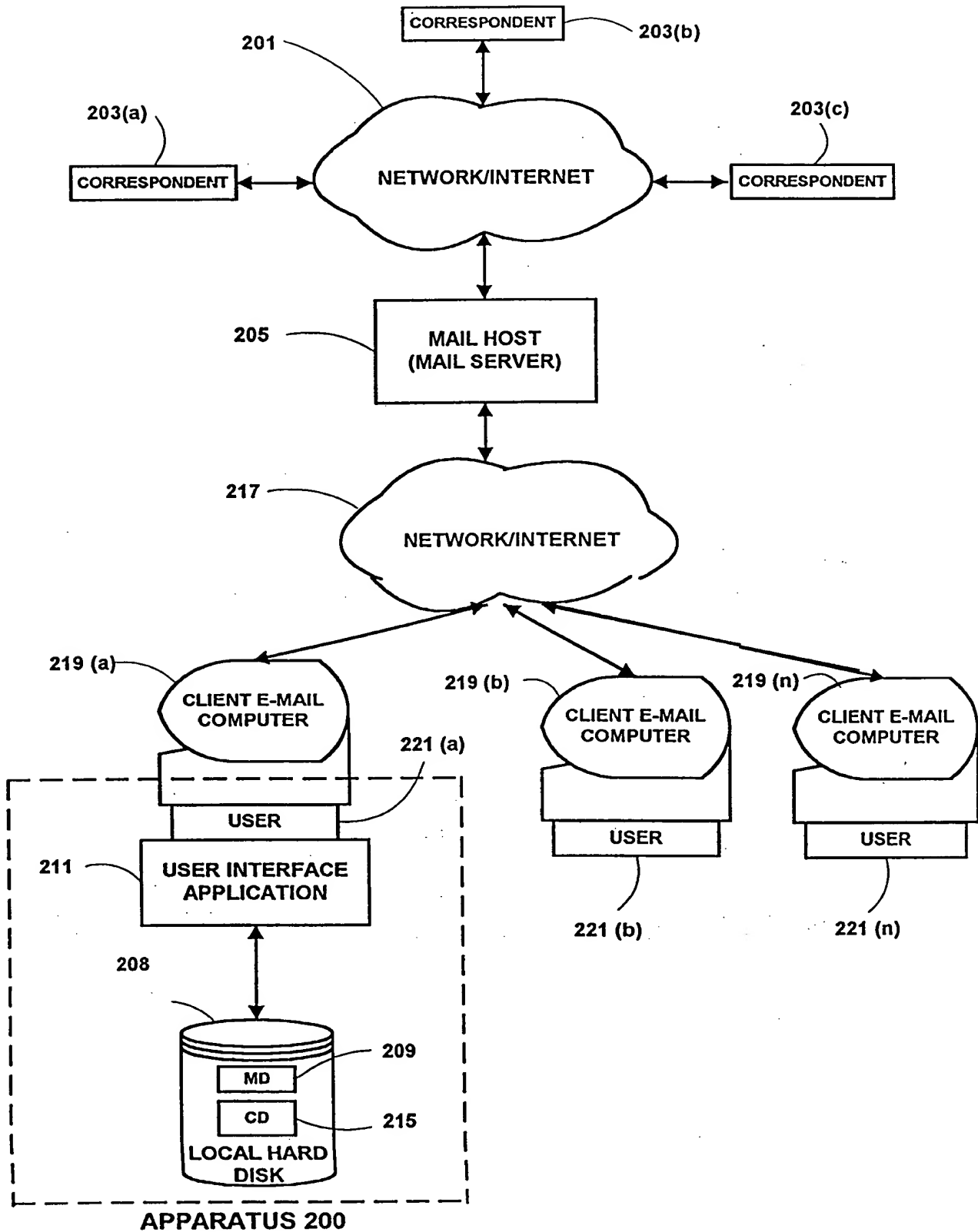


FIG. 2

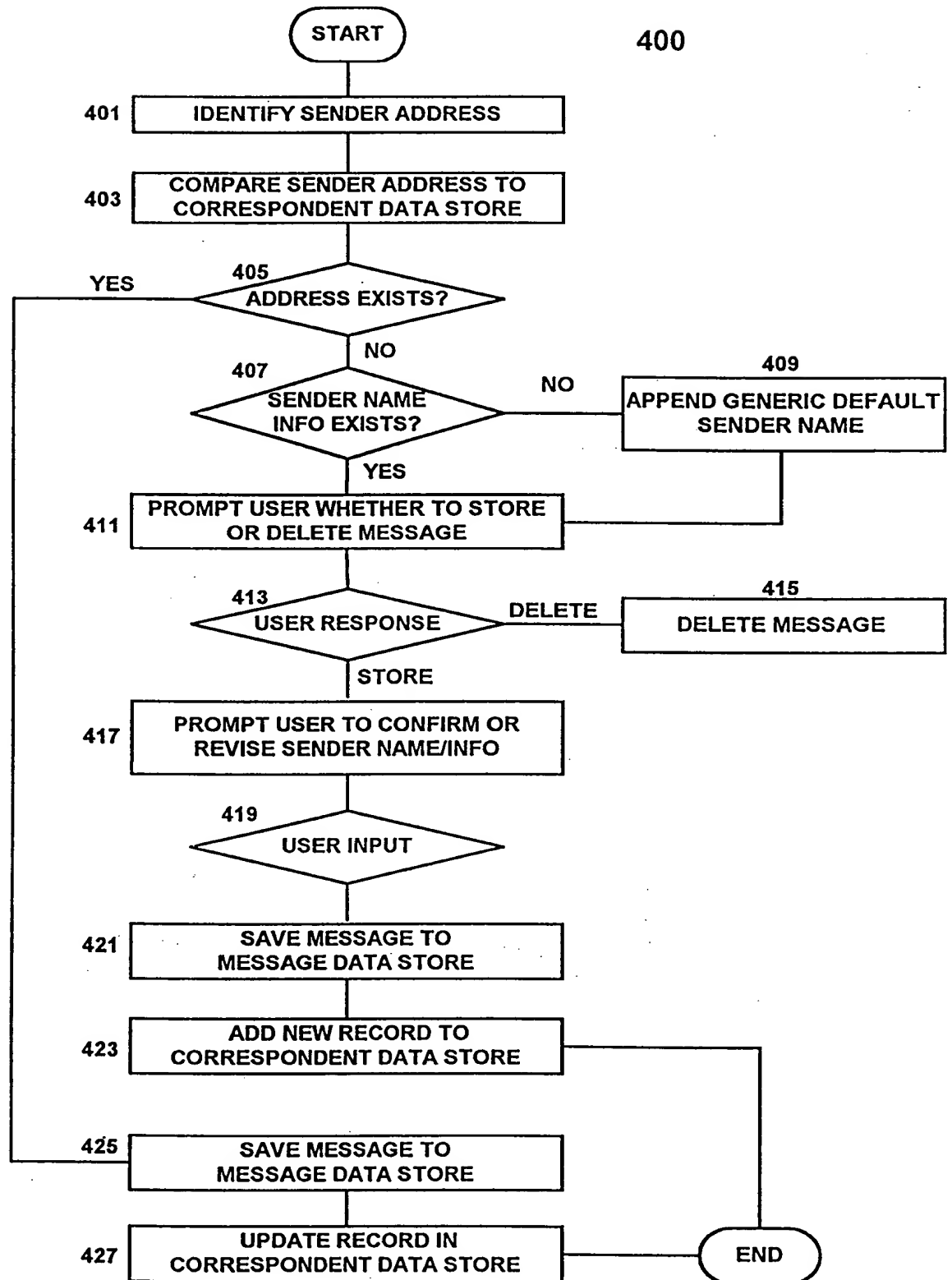


CORRESPONDENT TABLE (CORRESPONDENT DATA STORE)

115 (n) or 215

CORRESPONDENT NAME	E-MAIL ADDRESS	LINKS TO MSGS. IN MSG. DATABASE	# OF MESSAGES IN DATABASE	LAST MESSAGE TYPE (IN OR OUT)	DATE OF LAST CORRESPONDENCE
CORRESPONDENT 1	ADDRESS FOR CORR. 1	MSG. ID'S FOR CORR. 1	# OF MSG.'S TO & FROM CORR. 1	LAST MSG. STATUS, CORR. 1	DATE FOR CORR. 1
CORRESPONDENT 2	ADDRESS FOR CORR. 2	MSG. ID'S FOR CORR. 2	# OF MSG.'S TO & FROM CORR. 2	LAST MSG. STATUS, CORR. 2	DATE FOR CORR. 2
...
CORRESPONDENT n	ADDRESS FOR CORR. n	MSG. ID'S FOR CORR. n	# OF MSG.'S TO & FROM CORR. n	LAST MSG. STATUS, CORR. n	DATE FOR CORR. n

FIG. 4
INCOMING MESSAGE PROCESSING



NXC.net	Your Personal NXC-Mail	Steve Miller's Personal Intranet
net exchange		

Pending E-Mail

	From	Subject	Date	Time	Delete
1.	Paul Smythe	Sheryl	12/28	9:35a	<input type="checkbox"/>
2.	Randall Simpson	ISDN Problem	12/28	1:05p	<input type="checkbox"/>
3.	*?ksmith223@aol.com	970-555-5555 [Note-unrecognized sender]	12/29	7:35p	<input type="checkbox"/>
4.	*?Rich Mellor (rmellor@msn.com)	- [Note-unrecognized sender]	12/29	11:29p	<input type="checkbox"/>
5.	Susan Nichols	Interesting investment	12/30	10:35a	<input type="checkbox"/>

501

503

500

505 — Delete Junk (Delete all above messages from unrecognized senders)

<input type="checkbox"/>	Contact List and Past Correspondence (find your contacts and past correspondences)
<input type="checkbox"/>	Change Your E-Mail Options (eliminate junk e-mail, change your default settings, set the time period your messages will be saved, etc.)

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FIG. 5

FIG. 6(a)

NXC.net	Mail - Paul Smythe	Steve Miller's Personal Intranet
net exchange		

To:	Steve Miller	4/7/97;9:35a.m.
CC's:	Melissa Smith, Jerry Sternfield	Later Save Delete
Subject:	Stock Recommendation (3)	⊙ ○ ○

Steve - Thanks for the advice about that investment. It gained four points since you recommended it. Please let me know any other recommendations you have.

When can you and Jeanne meet us for dinner? - Paul

To:	Paul Smythe
CC's:	Melissa Smith, Jerry Sternfield
Subject:	Stock Recommendation (4)
Response:	Dear Paul:

Send

Past Correspondence with Paul Smythe

To:	You; Jeremy Johnson	Tuesday
CC's:	Melissa Smith, Jerry Sternfield	4/6/97-8:01a.
Subject:	Stock Recommendation (2)	Delete <input type="checkbox"/>

Check out XYZ stock. I've been following the industry, and I think there's some potential. I've bought several thousand shares for my own portfolio. - Jim

To:	Paul Smythe	Tuesday
CC's:	Melissa Smith, Jerry Sternfield	4/5/97-8:45p.
Subject:	Stock Recommendation	Delete <input type="checkbox"/>

Do you have any ideas about stock investments?

My wife just got some money to invest. I know you're an expert in technology stocks. Please let me know.

BTW, How's your son doing in school

Paul

Earlier Correspondence

Sender	Subject	Date	Time	Delete
Paul Smythe	Hi!(2)	12/19	10:45	<input type="checkbox"/>

09/269587-120699

FIG. 6(b)

<u>You</u>	Hi!	12/15	12:05p	<input type="checkbox"/>
<u>You</u>	I Moved	12/13	10:05p	<input type="checkbox"/>
<u>Paul Smythe</u>	(no subject)	12/10	11:01p	<input type="checkbox"/>
<u>You</u>	Vacation	12/08	1:25p	<input type="checkbox"/>

[Back to Your Personal E-Mail](#) or [Welcome Page](#)

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09/26/96 09:26:50

NXC.net	Contacts and Correspondence	Steve Miller's Personal Intranet
net exchange		

Your Contact List - Click to Read/Send 703

701

Search For:

Search

Last, First	Nickname	E-mail Address	Last Msg.	In/out	Past Msgs.	Send to:	cc to:	bcc to:	Delete
Austin, Allison	Ally	Allison@nyc.ny.nxc.com	12/26	In	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grange, Elizabeth	Beth	Beth@nyc.ny.nxc.com	11/27	In	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnson, Dr. Kim	Kim	Kim@slc.ut.nxc.com	12/28	Out	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnson, William S.	Bill	BJohnson@nyc.ny.nxc.com	12/18	In	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mitchell, Ramona	Ramona	RamonaM@ix.netcom.com	12/29	Out	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nichols, Susan	Sue	snichols195@aol.com	12/28	Out	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samuels, Jacqueline	Jackie	jsamuels@harvard.edu	12/28	In	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smith, John R.	Jack	Smitty.ny.nyc.nxc.com	12/15	Out	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smythe, Paul	Paul	Paul@ny.nyc.nxc.com	12/29	Out	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Williams, Ellen	Ellie	EllenW@panix.com	12/05	In	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[Edit Contact Information, Add New Contacts, or Change Your E-mail Options](#)
 [Confirm](#)
 [Erase Choices](#)

[Back to Personal E-Mail Summary or Welcome Page](#)

FIG. 7

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NXC.net	Eliminate Junk-Mail	Steve Miller's Personal Intranet
net exchange		

This page lets you completely eliminate junk mail, by changing your e-mail address so that those who don't know your new address can no longer send you e-mail. However, since we keep track of all your e-mail contacts, we let you conveniently choose which contacts will have your new e-mail address.

For your continuing contacts who use NXC-mail provider, this change will be transparent - we make the adjustment to our database, and your contact needs take no action, and merely sends you e-mail as before.

For your contacts who don't use NXC-mail, we will send them a polite e-mail message from you (which you can review and edit), notifying them of your e-mail address change so they can update their e-mail software.

Instructions: After you press the "submit" button below, only the e-mail contacts checked below will have your new e-mail address. Click on a checkbox to uncheck any names whom you don't want to have your new NXC-mail address. To decide whether to uncheck a contact, you can click on the contact name to review your correspondence history with that contact. After you complete your choices, click on the "submit" button below.

<u>Last Name</u>	<u>1st Name</u>	<u>E-mail Address</u>	<u>Last Msg.</u>	<u>In/Out</u>	<u>NXC Mail?</u>	<u>Inform ?</u>
Austin	Allison	Allison.nyc.ny	12/26	In	Yes	<input checked="" type="checkbox"/>
Dougherty	Jim	jim4092@aol.com	12/23	Out	No	<input checked="" type="checkbox"/>
Grange	Beth	Beth.nyc.ny	11/27	In	Yes	<input checked="" type="checkbox"/>
Hardy	Dave	DH.nyc.ny	11/3	In	Yes	<input checked="" type="checkbox"/>
Johnson	Kim	Kim.slc.ut	12/28	Out	Yes	<input checked="" type="checkbox"/>
Johnson	William S.	BJohnson.nyc.ny	12/18	In	Yes	<input checked="" type="checkbox"/>
Mitchell	Ramona	RamonaM@ix.netcom.com	12/29	Out	No	<input checked="" type="checkbox"/>
Nichols	Sue	snichols195@aol.com	12/28	Out	No	<input checked="" type="checkbox"/>
Samuels	Jackie	jsamuels@harvard.edu	12/28	In	No	<input checked="" type="checkbox"/>
Smith	John R.	Smitty.ny.nyc	12/15	Out	Yes	<input checked="" type="checkbox"/>
Smythe	Paul	Paul.ny.nyc	12/29	Out	Yes	<input checked="" type="checkbox"/>
Stempler	Randall	randall@stempler.com	12/27	In	No	<input checked="" type="checkbox"/>
Williams	Ellen	EllenW@panix.com	12/05	In	No	<input checked="" type="checkbox"/>

Submit Erase Choices

[Back to Change Your Personal NXC-Mail Options, or Summary](#)

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FIG. 8

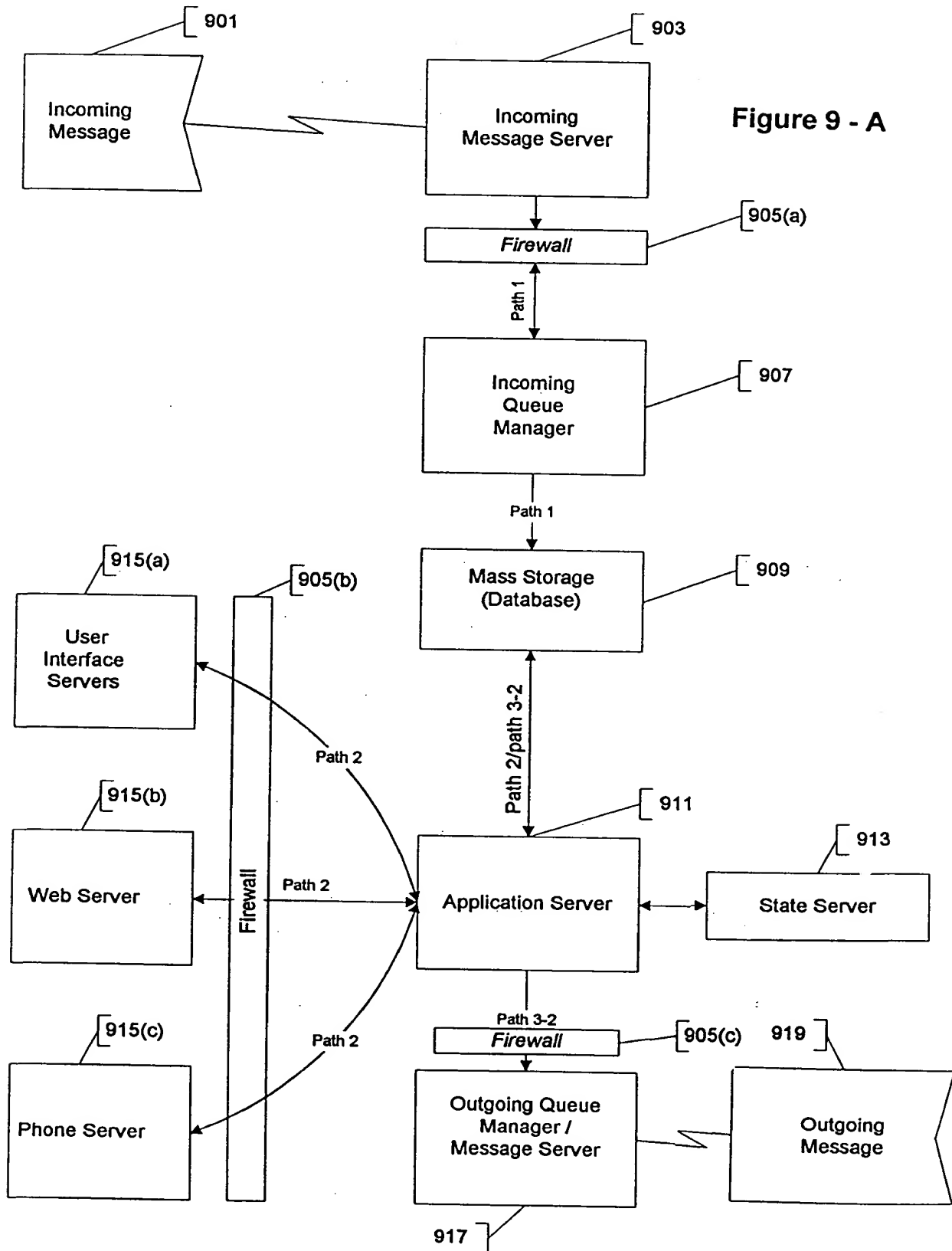


Figure 9 - B

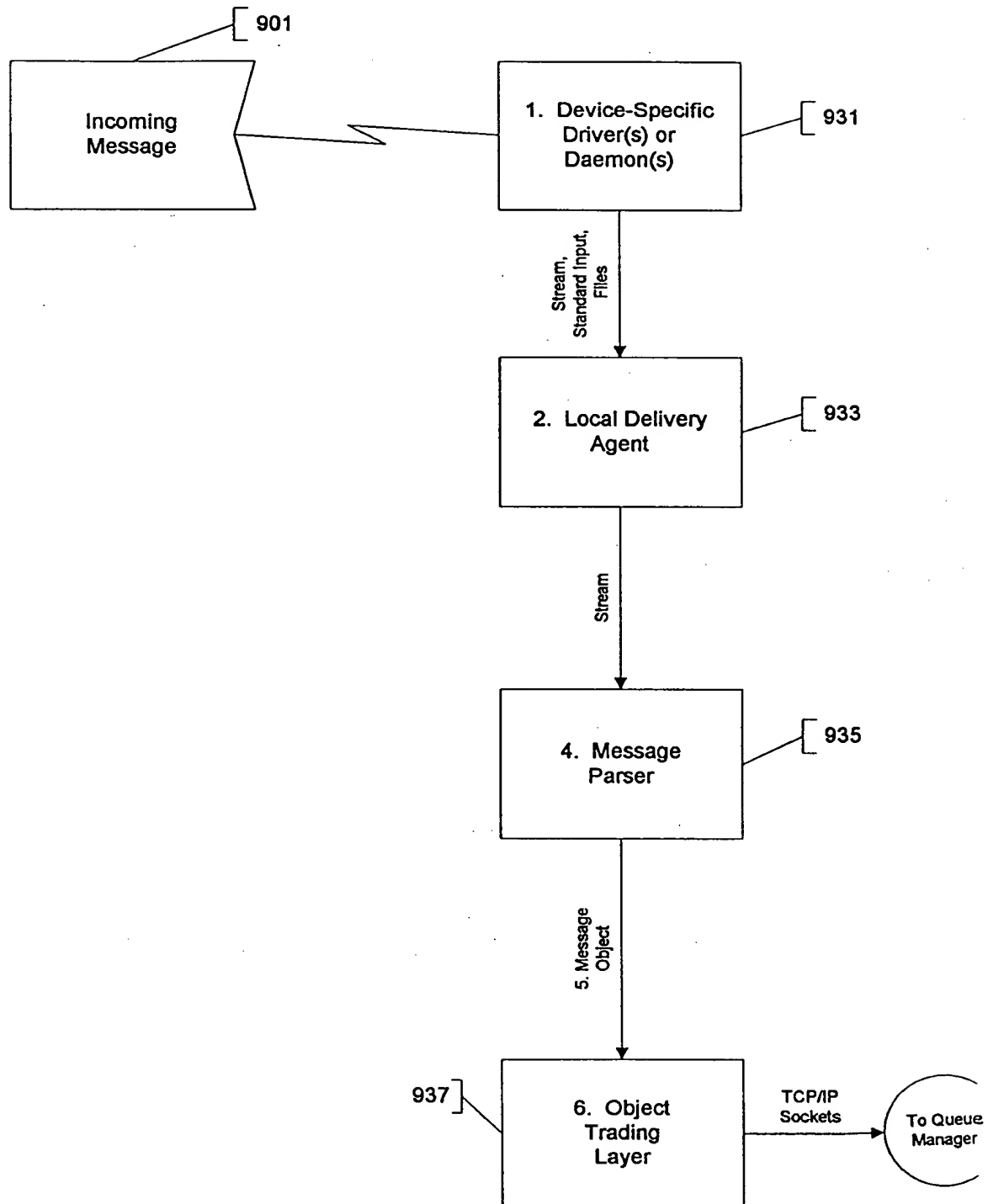
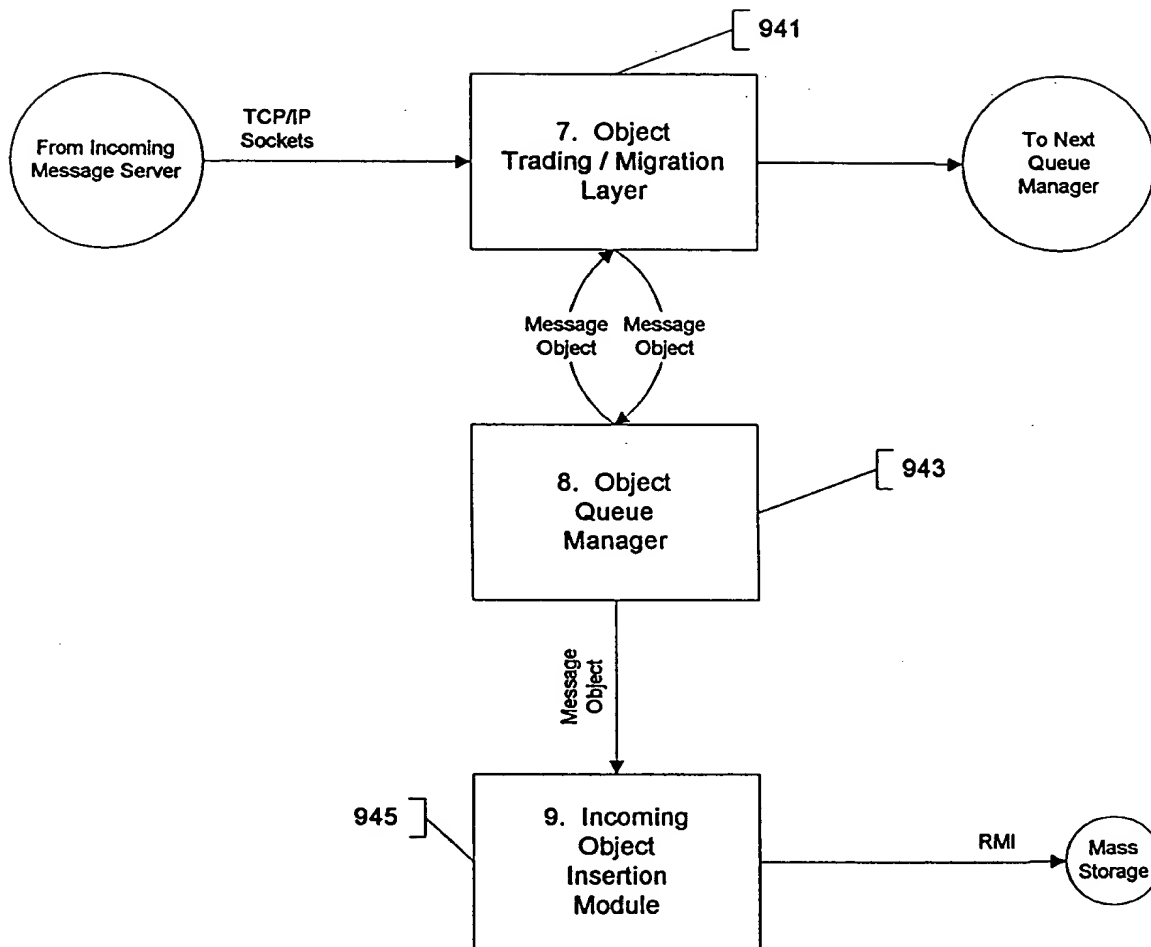


Figure 9 - C



09/269587 0001 RAM 2 S 01/10/00 15:51 012

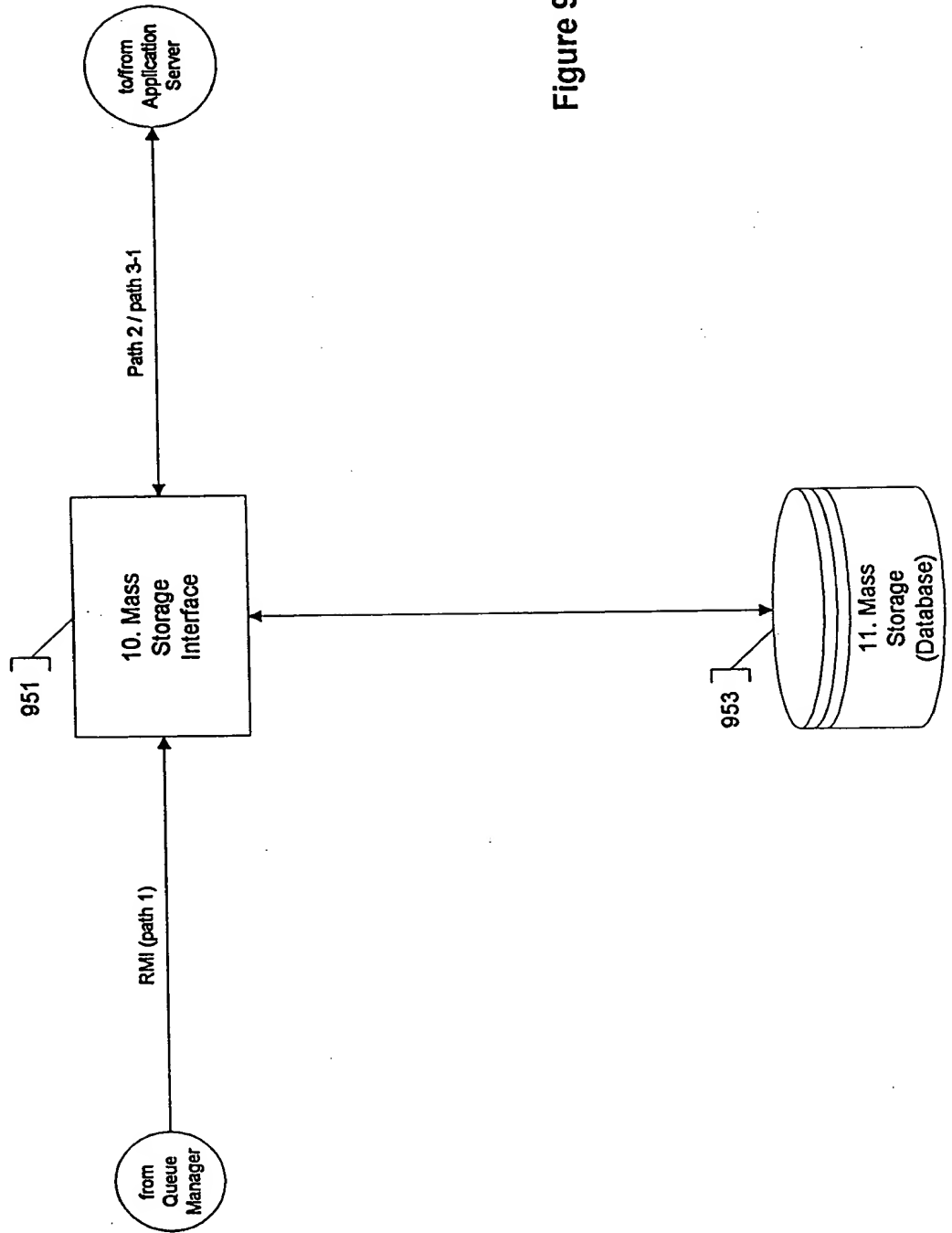
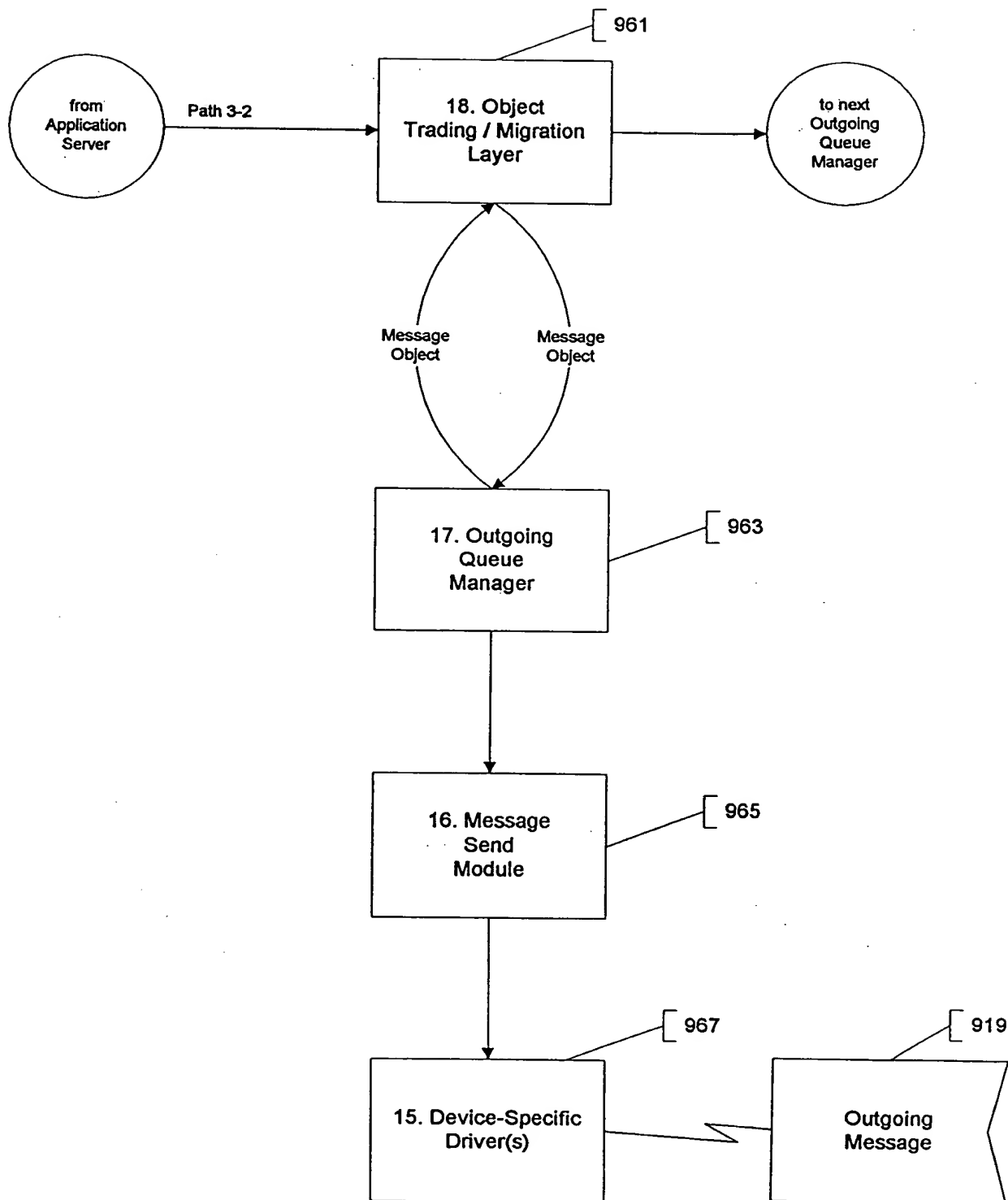


Figure 9 - D

THE 1990S



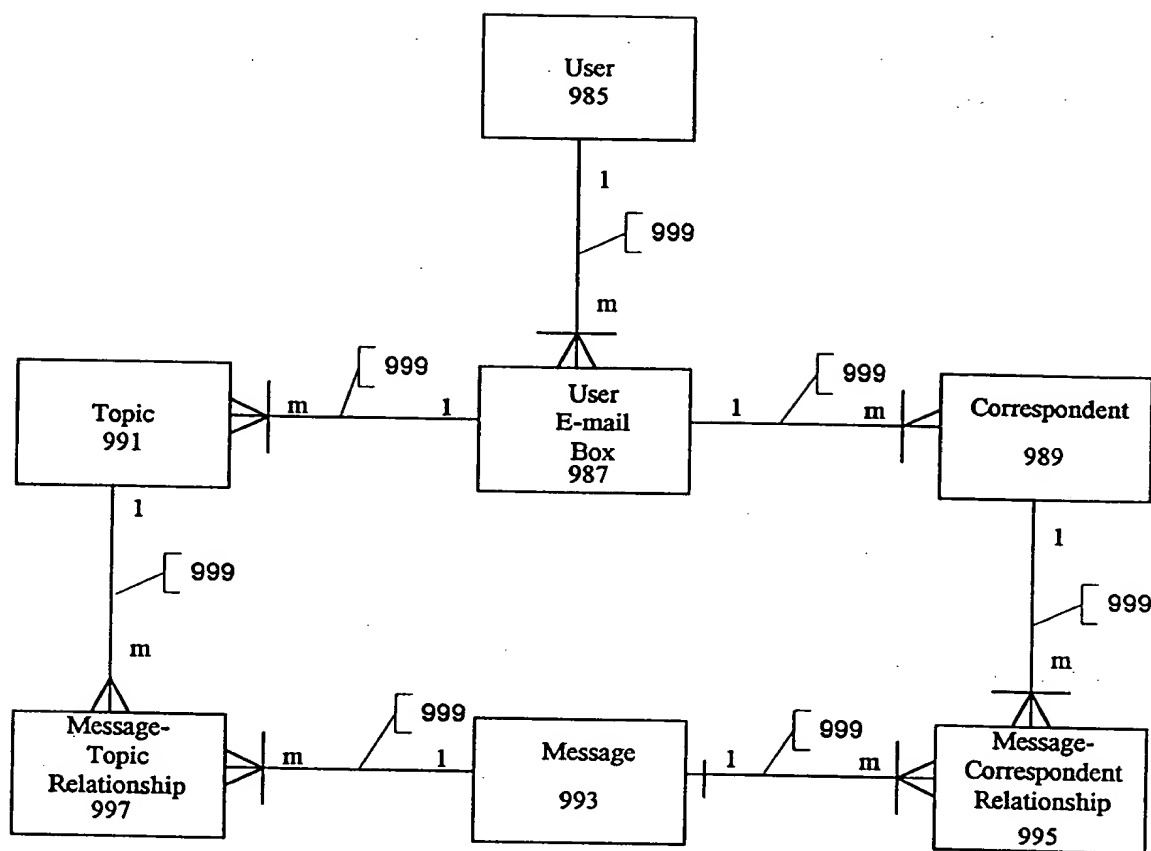


Figure 9 - F

09/269587 120699

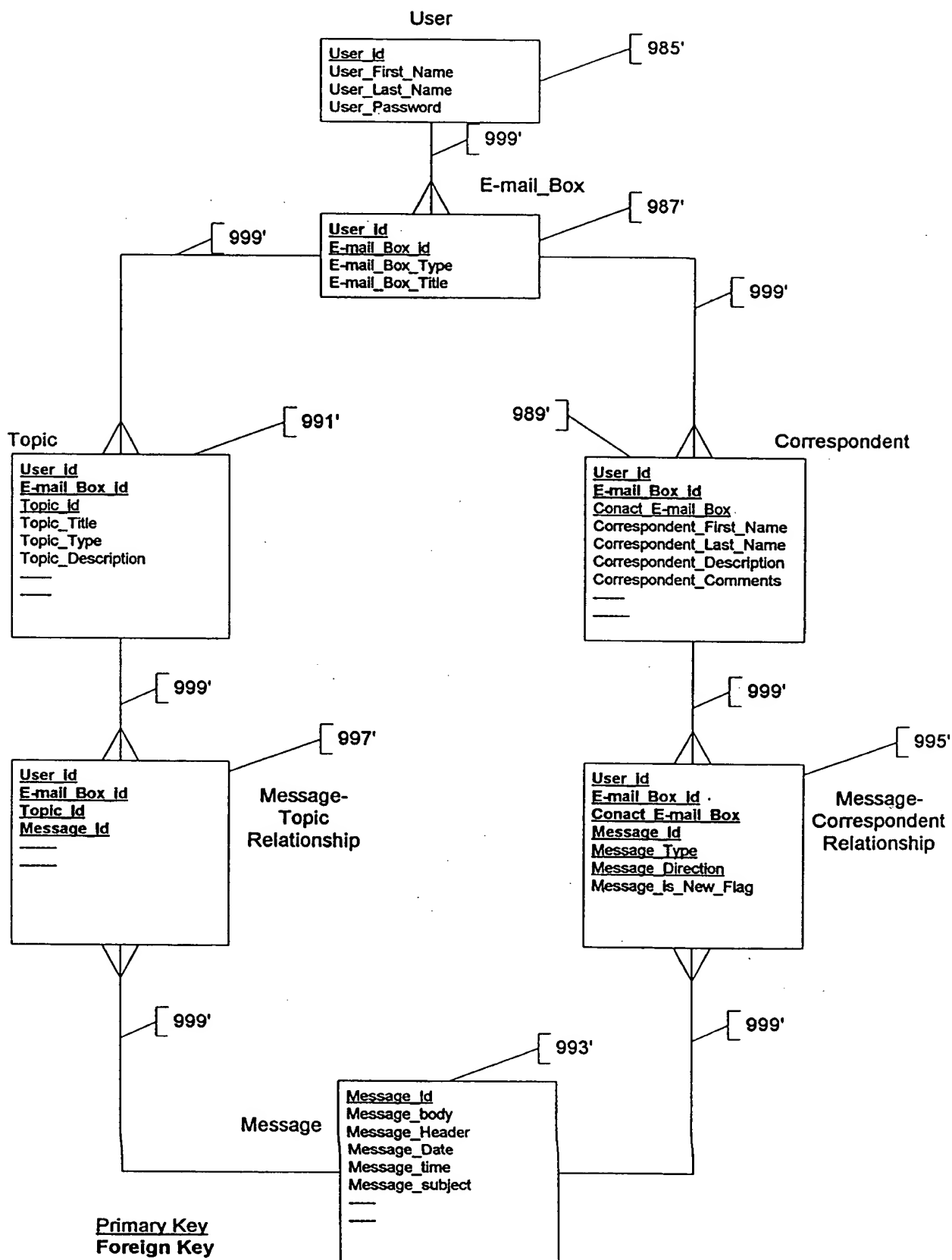


Figure 9 - G

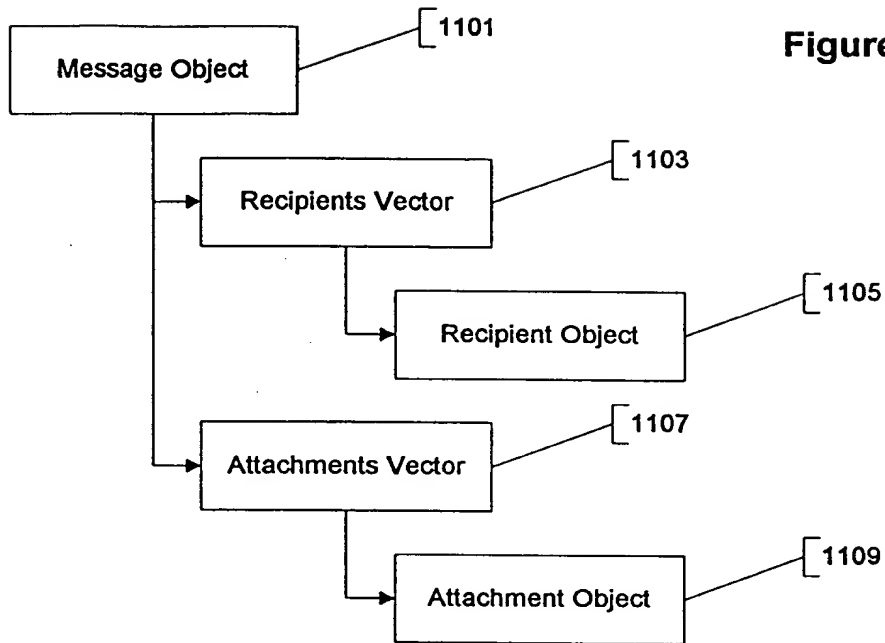


Figure 9 - H

09/269587-120699

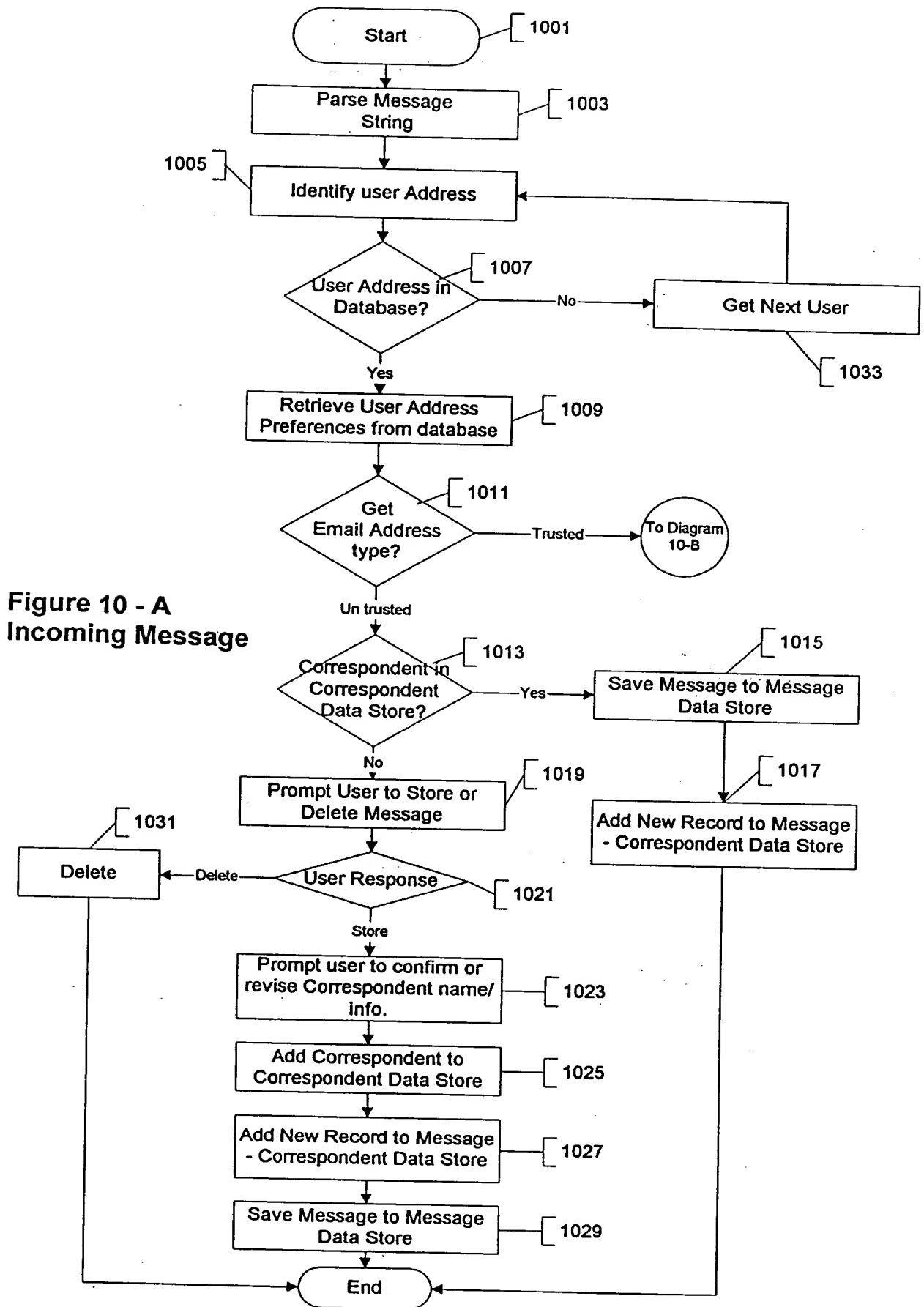
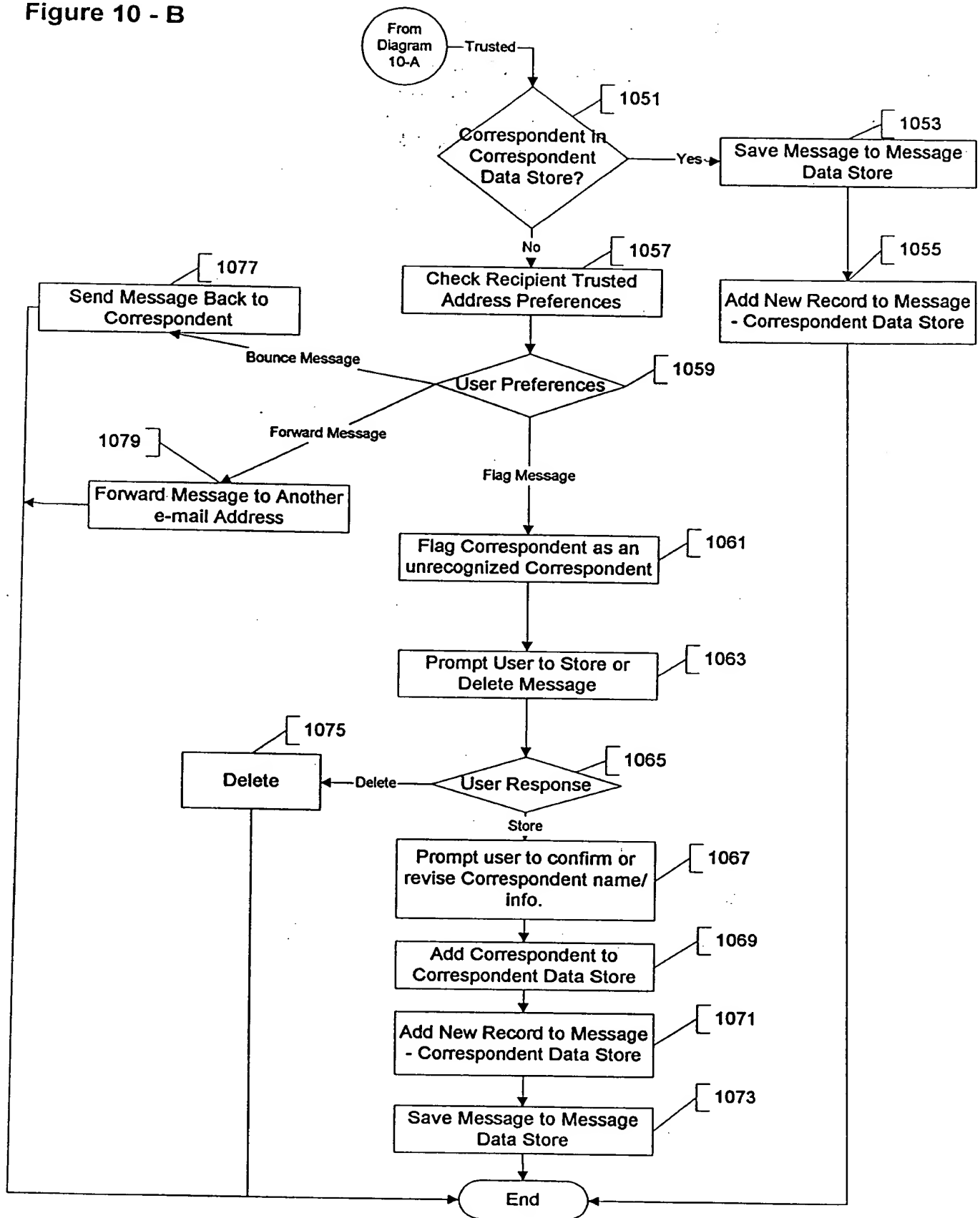


Figure 10 - A
Incoming Message

09/269587 120699

Figure 10 - B



09/269587 120699

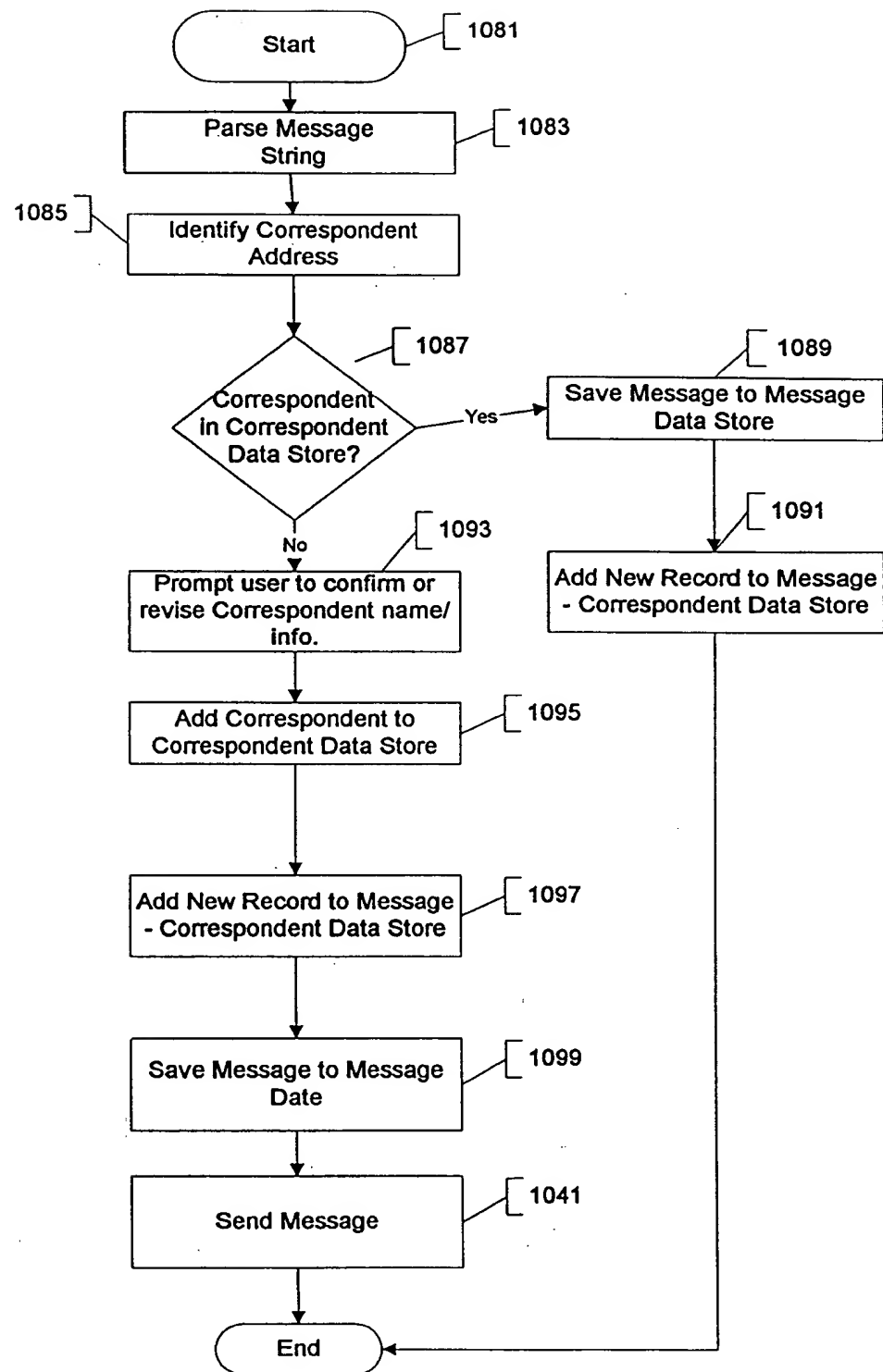


Figure 10 - C
Outgoing Message

09269587-120699

Figure 11 A

Message Request

Customer ID	-	Customer E- mail Address ID	-	Correspondent E- mail Address	-	Message ID
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Figure 11 B

Correspondent Information Request

Customer ID	-	Customer E- mail Address ID	-	Correspondent E- mail Address
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Figure 11 C

Correspondent History Request

Customer ID	-	Customer E- mail Address ID	-	Correspondent E- mail Address	-	Count1	-	Count2
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Figure 11 D

Topic Contents Request

Customer ID	-	Customer E- mail Address ID	-	Topic ID	-	Count1	-	Count2
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Figure 12

Mail Summary			Joe Smith
<i>Joe Smith's E-mail Addresses</i>	<i>Pending Mail</i>	<i>Correspondence Log</i>	
Trusted MailBox (JoeSmith@nxc.com)	7 in, 3 new, 2 drafts	2,082 msgs, 113 contacts	
Untrusted MailBox (JS@nxc.com)	4 in, 0 new, 1 draft	195 msgs, 54 msgs.	
Suggestions (suggestions@domain.com)	34 in, 1 new, 1 draft	235 msgs, 44 msgs.	
Tech. Support (support@domain.com)	4 in, 1 new, 1 draft	135 msgs, 24 msgs.	

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